

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

April

2012

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

May 17, 2012

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Rainfall was well below normal over a large portion of the San Angelo hydrologic service area (HSA) during the month of April. A dry weather pattern developed early in the month that brought generally hot and dry conditions. San Angelo experienced the third warmest April on record while Abilene experienced the 4th warmest April on record. A few widely scattered showers managed to bring some temporary relief during the month. The most notable event occurred late on the 7th as a cold front arrived and produced scattered thunderstorms. In addition to golfball size hail reported in Sterling County, as much as three inches of rain was also observed across central portions of the county. The heavier rainfall amounts (1 to 3 inches) extended from eastern Crockett County to near Sterling City to near Cross Plains.

The U.S. Drought Monitor showed portions of Crockett, Fisher, Jones, Haskell and Throckmorton Counties were experiencing extreme drought by the end of April. Also, by the end of month, moderate to severe drought conditions covered much of the remainder of the HSA except for parts of Runnels and Concho Counties that were in abnormally dry conditions.

The average precipitation reported from coop observers in April was 0.60 of an inch. The highest monthly precipitation total of 3.10 inches was reported in southwestern Taylor County. Coop observers in Sterling and Taylor Counties received over 2 inches of rainfall in April.

The San Angelo Regional Airport received 0.57 of an inch of precipitation during April, which was 0.85 of an inch below normal for the month. The monthly normal rainfall for San Angelo in April is 1.42 inches.

The Abilene Regional Airport received 0.87 of an inch of precipitation during April, which was 0.77 of an inch below normal for the month. The monthly normal rainfall for Abilene in April is 1.64 inches.

Junction received 0.91 of an inch of rain during April. The estimated average monthly rainfall for Junction in April is about two inches.

Coop Observer Rainfall Totals for April, 2012:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	1.91		Mertzon 12WNW	1.21
Acton Ranch	0.51		Ozona	0.67
Albany	0.22		Ozona 22SE	1.51
Ballinger 2NW	0.37		Paint Rock	0.26
Brady	0.09		Putnam	0.47
Brownwood	0.05		Red Bluff Crossing	0.59
Burkett	1.36		Roscoe	0.67
Coleman	0.01		Rotan	0.45
Concho Park	0.04		San Angelo WFO	0.58
Eden	0.18		San Saba 7NW	0.14
Eldorado	0.68		Santa Anna 12SSE	0.03
Fort Griffin	0.31		Silver Valley	0.26
Fort McKavett	0.18		Sonora	0.82
Glen Cove 2NE	0.41		Stamford	0.37
Hamlin	0.43		Sterling City	2.53
Haskell	0.26		Taylor Ranch	0.00
Hords Creek	0.08		Throckmorton 7NE	0.39
Junction 4SSW	0.71		Water Valley	1.46
Mason	0.05		Water Valley 11NE	0.03
Menard	0.16		Woodson	0.37
Merkel 12SW	3.10			

Reservoir Conditions (end of April, 2012)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	36,880	53
Lake Stamford	51,570	24,570	58
Hubbard Creek Lake	317,800	143,570	45
Hords Creek Lake	8,800	1,000	15
Lake Brownwood	131,428	75,760	58
E.V. Spence	488,760	2,150	0
O.C. Fisher	119,200	600	0
O.H. Ivie	554,340	91,930	17
Twin Buttes	177,800	11,610	6

Hydro Products Issued

FFW = 1

FLS = 2 (Urban/Small Stream Advisory)

ESF = 1(Probabilistic Fcst)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for April across the San Angelo HSA is depicted below.

